



# भारत का राजपत्र

## The Gazette of India

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नई विलासी, शनिवार, मार्च 15, 1969 (फाल्गुन 24, 1890)

No. 11] NEW DELHI, SATURDAY, MARCH 15, 1969 (PHALGUNA 24, 1890)

इस भाग में जिन पृष्ठ संख्याएँ दी जाती हैं जिससे कि यह भलवा संकलन के क्षम में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों के सम्बंधित अधिकृत घोषित घोषित

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 15th March 1969

## CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 14th September 1968, in page 362, column 1, under the heading "Cessation of Patents"—

delete the number "99554".

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 22nd February 1969

119975. T. C. Aujit. Folding bi-cycle frame.

119976. Sri Jajneswar Ghose. (a) Steel cross bow; (b) Bamboo cross bow.

119977. Ciba Limited. Transfer printing.

119978. Ciba Limited. New halogen-pregnadienes and process for the manufacture thereof.

119979. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. A method of continuously treating coal, coke and other carbonaceous bulk materials with scouring gases.

119980. Sankyo Company Limited. Herbicidal composition and method.

119981. The Permutit Company Limited. Processes and apparatus for demineralising water. (29th February 1968).

119982. S. J. Aiken. A positive flush, semi-automatic urinal stall.

119983. N. V. Philips Gloeilampenfabriken Halogen Incandescent lamp.

119984. Societa Farmaceutici Italia. Process for the preparation of ergocornine and ergosine.

119985. Parks-Cramer Company. An apparatus for removing lint from weave rooms. [Divisional date 22nd August 1967].

119986. The Procter &amp; Gamble Company. Compositions for inhibiting anomalous deposition and mobilization of calcium phosphate in animal tissue.

119987. Farbenfabriken Bayer Aktiengesellschaft. Chemo-therapeutic agents.

119988. Imperial Chemical Industries Ltd. Pharmaceutical compositions containing thiazole derivatives. [Divisional date 26th September 1966].

119989. G. L. Wallis. Improvements in tricycles. (23rd February 1968). [Addition to No. 106066].

119990. Compagnie Des Compteurs. Method for localising a fault in an electric power line. (24th December 1968).

119991. The Firestone Tire &amp; Rubber Company. Process(A).

119992. Vanton Pumps (India) Private Limited. Improvements in or relating to filters and filtration equipment and the like.

119993. G. Rikabchand. Improvements in or relating to production of pyrophoric metal bars.

119994. Dr. Santosh Kumar Gupta. Dynamo electric machine.

119995. M. V. Shiddhaye. and S. M. Shiddhaya. An improved instant pastry cutter

The 24th February 1969.

119996. Amarendra Nath De. Electrical time switch.

119997. B. C. V. Platen. A method of increasing the strength of a housing, and a high pressure apparatus incorporating a strengthened housing.

119998. Hindustan Lever Limited. Manufacture of perfume intermediates. (1st March 1968).

119999. Imperial Chemical Industries Limited. New reactive dyestuffs. (27th February 1968).

120000. Imperial Chemical Industries Limited. New organic compounds and compositions containing them. (7th March 1968).

120001. Quenot & Cie S. a. r. l. Casing for tape measure.

120002. T. N. W. Leijon. A tractor vehicle implement holder for permanent or interchangeable mounting of implements having fixed or pivotable relationship to the holder.

120003. C. A. Norgren Co. Aerosol Generator. (15th May 1968).

120004. Union Carbide Corporation. Continuous casting device.

120005. Sem Corporation. Process for preparing B-dialkylaminooalkyne ethers.

120006. Kyowa Hakko Kogyo Co., Ltd. Process for producing L-lysine.

120007. H. B. Beer. Improvements in or relating to the reconstitution of electrodes. (28th February 1968).

120008. Veb Elektrochemisches Kombinat Bitterfeld. Weed destroying and defoliation medium.

120009. Glavnoe Upravlenie Po Prolzvodstvu Bakeriinykh Virusnykh Preparatov Ministerstva Zdravookhranenia SSSR. Apparatus for cultivating micro-organisms.

120010. Jg. Glass Industries Pvt. Ltd. Narrow mouth stopper.

120011. Jg. Glass Industries Pvt. Ltd. Wide mouth stopper.

120012. Jg. Glass Industries Pvt. Ltd. Shoulders.

120013. Jg. Glass Industries Pvt. Ltd. Refills.

120014. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the isolation of antibiotics.

120015. Etablissements Superba Sa. A method and apparatus for forming thread rings.

120016. Michelin & Cie (Compagnie Generale Des Etablissements Michelin). Improvements in tyre casings.

120017. The British Petroleum Company Limited. Disproportionation of olefins. (5th March 1968).

120018. Makhteshim Chemical Works Limited. Novel method for the production of 1-naphthyl n-(lower-alkyl)-carbamates.

120019. The Upjohn Company. Organic compounds and method.

120020. Ciba Limited. Process for the manufacture of new thiophene derivatives.

120021. Ciba Limited. Process for the manufacture of alkenylmercapto compounds.

120022. N. V. Philips Gloeilampenfabrieken. Magnetic system comprising an annular, permanent main magnet having an upper plate and a lower plate of soft iron and a core with an auxiliary magnet.

120023. S. Balaran. Tapered meander line antennas.

120024. Schering Aktiengesellschaft. 16 $\alpha$ , 17-alkyldene-dioxy-18-methyl-19-nor-progestrones.

*The 25th February 1969.*

120025. Westinghouse Electric Corporation. Method of making strontium ferrite magnets and the products so produced.

120026. Westinghouse Electric Corporation. High speed switching rectifier.

120027. Radio Corporation of America. Compensated read-back circuit.

120028. Allied Chemical Corporation. Process for producing high purity aluminium nitrate solutions. [Addition to No. 109831].

120029. Melle-Bezons S. A. Process for continuous manufacture of esters.

120030. Universal Oil Products Company. Method for producing a solvent.

120031. The English Electric Company Limited. Improvements in fuselinks. (28th February 1968).

120032. Doittau Produits Metallurgie. Method and means for the formation of dead heads on ingots of semi-killed steel.

120033. Quenot & Cie S.a.r.l. Plumb line with level.

120034. Quenot & Cie S.a.r.l. Braking device for tape measure and the like.

120035. Thomson-C S F. Improved duplexed antenna exciter horn. (26th February 1968).

120036. Libbey-Owens-Ford Company. Edge Grinding machine.

120037. Purolator, Inc. Coalescer cartridge.

120038. Fairchild Camera & Instrument Corporation. Planar epitaxial resistors.

120039. Scientific Adviser to the Defence Minister, Ministry of Defence, Government of India, New Delhi. Emulsion for binding semi-conducting powders.

120040. Dr. S. Bhagavantham. Direct synthesis of methylchlorosilanes.

120041. The Scientific Adviser to Defence Minister, Ministry of Defence, Government of India, New Delhi. Process for the manufacture of foamed polymeric materials from aleuritic (9, 10, 16, trihydroxy palmitic) polyesters.

120042. Vinar Limited. Racks.

120043. Sandoz Ltd. Improvements in or relating to organic compounds.

120044. Stauffer Chemical Company. High temperature antioxidants and lubricants containing same.

120045. Ciba Limited. New pharmaceutical preparations.

120046. Ciba Limited. Process for the manufacture of new thiophene derivatives.

120047. Ciba Limited. New water-insoluble azo compounds and processes for their manufacture.

120048. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a halogen incandescent lamp provided with a screening intercepting a part of the radiated light.

120049. N. V. Philips Gloeilampenfabrieken. New adamantan derivatives.

*The 26th February 1969.*

120050. C. R. Marathe. Joints without optical distortion for mirrors made of flexible material coated with reflecting layer.

120051. V. Venugopalan. Improvements in or relating to shaving brushes.

120052. The Kuljan Corporation (India) Private Limited. An improved apparatus for conveying substance and/or diluting the said conveying substance.

120053. C. S. Raj. Mechanical tyre changer.

120054. Siemens Aktiengesellschaft. A method of melting a rod or crystalline material zone-by-zone.

120055. Sekai Kirisutokyō Toitsu Shinrei Kyōkai. Air gun.

120056. F. K. Nabuillin, Z. M. Buzova, E. M. Gertsik and S. A. Zjuzin. An arrangement for manufacture of a primary cell electrode.

120057. Scientific Adviser to the Defence Minister, Ministry of Defence, Government of India, New Delhi. A coating for zinc battery plates.

120058. K. P. Soti. Coin operated automatic tea maker.

120059. Pioneer Oilsealing & Moulding Company Limited. Sealing member.

120060. British Insulated Callender's Cables Limited. Improvements in or relating to electric switches. (28th February 1968).

120061. British Insulated Callender's Cables Limited. Improvements in or relating to busbar assemblies. (28th February 1968).

120062. British Insulated Callender's Cables Limited. Improvements in or relating to the manufacture of insulated electric cables. (28th February 1968).

120063. Stamcarbon N. V. Process for the continuous preparation of N.P. or N.P.K. fertilizers.

120064. The Firestone Tire & Rubber Company. Process for increasing molecular weight of polymer.

120065. United States Steel Corporation. System for controlling the air supply to coating-screeding air knives.

120066. The Upjohn Company. Novel analogs of prostaglandin E<sub>1</sub> (pgE<sub>1</sub>), F<sub>1</sub> (pgF<sub>1</sub>α and pgF<sub>1</sub>β) A<sub>1</sub> (pga<sub>1</sub>) and methods of producing the same.

120067. The Upjohn Company. Novel analogs of prostaglandin E<sub>1</sub> (pgE<sub>1</sub>), F<sub>1</sub> (pgF<sub>1</sub>α and pgF<sub>1</sub>β), A<sub>1</sub> (pga<sub>1</sub>) and methods of producing the same.

120068. The Upjohn Company. Novel analogs of prostaglandin E<sub>1</sub> (pgE<sub>1</sub>), F<sub>1</sub> (pgF<sub>1</sub>α and pgF<sub>1</sub>β), A<sub>1</sub> (pga<sub>1</sub>) and methods of producing the same.

120069. F. L. Smith & Co., A/S. Manufacture of cement. (27th February 1968).

120070. Pilkington Brothers Limited. Improvements in or relating to the toughening of glass. (27th February 1968).

120071. M. M. Macchine Molitorie S.p.A. Corn grinding mill.

120072. Instytut Gospodarki Komunalnej. Sedimentation tank with suspended sediment.

120073. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic adhesives on the basis of polycetals and process for their manufacture.

120074. Universal Protein Establishment. Improved process for the separation of starch and proteins from vegetable material.

The 27th February 1969.

120075. J. R. Chhabra. Improvements in the recording of finger prints.

120076. Prabhat Chandra S. Das. Weighing balance.

120077. Texaco Development Corporation. Improved hydrocarbon separation process.

120078. Koppers Company, Inc. Reinforced wood railroad tie.

120079. Odesskoe Spetsialnoe Konstruktorskoe Bjuro Spetsialnykh Stankov. Method to produce plastic articles and a machine for carrying into effect this method.

120080. E. I. Du Pont De Nemours & Company. Herbicidal compositions. [Divisional date 4th September 1967].

120081. Fried. Krupp G.M.B.H. Compound structural construction element.

120082. Fried. Krupp G.M.B.H. Double walled disc shaped construction element.

120083. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for manufacturing chromanols.

120084. Beecham Group Limited. Pronase purification. (29th February 1968).

120085. Kaljnga Otto Private Limited. Refractory composition for use in furnaces.

120086. Preformed Line Products Company. Double support line tie.

120087. M. R. Burger and D. S. Delany. A method of and installation for cleaning garments.

120088. United Aircraft Corporation. Sectional hollow cathode discharge apparatus.

120089. N. V. Philips Gloeilampenfabrieken. Circuit arrangement for receiving electrical signals.

120090. J. R. Geigy A. G. Process for the production of new derivatives of 5H-dibenzo-[b, f] azepine.

120091. Defibrator Aktiebolag. Method and apparatus for dry forming webs of pulp from vegetable fibrous materials.

120092. The Oakland Corporation. Friction bolt and method of treatment.

120093. Pechiney-Progil. Insecticide and process for deinsec-tisation of stored provisions.

120094. Union Carbide Corporation. Hollow electrode control device.

120095. N. V. Chefaro Maatschappij. Method and device for the purification of solid organic peroxides.

120096. Halomet AG. Process of obtaining metals from metal halides.

#### Alteration of Date

114701. The claim to priority date 28th February 1967 has been abandoned and the application dated as of 23rd February 1968, the date of filing in India.

11442. The claim to priority date 21st July 1966 has been abandoned and the application dated as of 10th July 1967, the date of filing in India.

111976. Ante-dated to 28th June 1967 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the GAZETTE OF INDIA give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Design Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in the due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawing, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under section 78-A of the Act.

81672. J. R. Geigy A.-G. Method of stabilization with carbon-bonded phosphorus derivatives and compositions stabilized thereby. Accepted on 26th February 1969.

*Incorporating a substituted phosphonate or phosphinate such as for example di-n-dodecyl-3,5-di-t-butyl-4-hydroxyphenylethylphosphonate.*

88563. Food Techniques, Inc. Process for treating oleaginous seed. Accepted on 22nd February 1969.

*Seed meat is heated in an aqueous alkaline solution and treated with hydrochloric acid and heated to a temperature between 160-180°F for at least 10 minutes.*

90900. W. N. Bolt. Improvements in the handling of goods during processing or treatment. (27th November 1962). Accepted on 20th May 1965.

*Arranging the goods on a succession of goods supporting trays, arranged in a vertical column, passing the successive trays through a treating or processing atmosphere by repeatedly indexing the column lengthwise.*

92004. Vickers-Armstrongs (Engineers) Limited. Improvements in or relating to methods of freeze-drying foodstuffs. (31st January 1963). Accepted on 24th February 1969.

*Cooling the foodstuff material kept in a container to produce a frozen block bonded to the base of the container subjecting it to vacuum and supplying heat to the base such that the temperature at the interface between the base and the frozen block is below the thawing point of the frozen material.*

93509. J. R. Geigy. A. G. Stabilization of organic material with amides containing a substituted phenol group stabilized compositions of matter so obtained and process for the manufacture of the amides. Accepted on 22nd February 1969.

*N-2-hydroxyethyl-N-ethylene laurate-3-(3', 5'-di-tert. butyl-4'-hydroxyphenyl) proponamide is incorporated in the material to be stabilized.*

93683. Unilever Limited. Process and apparatus for improving fats. (14th May 1963). Accepted on 21st February 1969.

*Comprises a plurality of separate stages in each of which the oil flows on the surface of a moving stream of aqueous alkaline solution along a path in which any inclination to the horizontal is upwards at a small angle.*

93797. S. Sundaram. The processing of an improved cattle and poultry feed by using cassava (Tapioca) starch waste. Accepted on 24th February 1969.

*Using cassava (Tapioca) starch waste as the basic raw material and blending it with ground-nut cake, fish meal, dicalcium phosphate, the micronutrients iron, manganese and the like and vitamins.*

95592. S. Arakawa, S. Tominaga and Nichiro Gyogyo Kabushiki Kaisha. Process for producing fish meals. Accepted on 26th August 1966.

*Comprises, cutting fish finely heating them and adding thereto hydrogen peroxide and separating it into a solid and a liquid and drying the solid part.*

97082. H. J. G. R. Meuschel. Improved areal baking mixture. Accepted on 22nd February 1969.

*Comprising cereal flour at least 10% of which being subjected to puffing treatment with a gluten material derived from wheat.*

97273. Technisch Ontwikkelingsbureau Van Elten N. V. Process and device for the production of a livestock forage. Accepted on 22nd February 1969.

*Contacting a mixture of skimmed milk powder and forage powder containing liquid vegetable and/or animal fats with a gas flow whose rate of speed, the temperature and the moisture content are such that the fat in the powder obtained gets crystal structure suitable to prevent caking together.*

99081. Unilever Limited. Method for the preparation of dehydrated meat products. (22nd April 1964). Accepted on 28th August 1967.

*Comprises the steps of incorporating starch into meat and subsequently dehydrating the meat, the starch in the dehydrated meat, product so obtained having been subjected to retrogradation.*

99257. Mrs. Subaidha Rahim. Method of giving longer life to plucked fresh mangoes. Accepted on 30th January 1967.

*Comprising freeing the mangoes from dust and drying the free water particles, wrapping them in tissue paper, placing the wrapped mangoes in polyethylene bags, sealing the bags and storing them at a temperature of 49°F to 65°F.*

99387. R. G. DePenning. Process to render atoxic castor-seed meal. Accepted on 24th February 1969.

*Characterized in that the castor seed meal is subjected to an injection of saturated steam inside a cylindrical horizontal autoclave of common steel.*

99547. E. Merck Aktiengesellschaft. Degradation of  $\beta$ -glucans by micro-organisms. Accepted on 12th January 1967.

*$\beta$ -glucan is degraded with a fungus of the genus oxyporus (Bourd & Galzin) Donk.*

99684. Esso Research and Engineering Company. Improved process for biosynthesis and recovery of microbial cells. Accepted on 25th July 1967.

*Cultivating microorganism cells in an aqueous biosynthesis bath withdrawing an aqueous effluent containing product microbial cell from the said bath adding to its a material selected from the group consisting of (1) an essential cell nutrient containing and (2) mixtures of (1) with an essential cell nutrient containing salt in sufficient amount to lower the pH of said effluent to a pH below that of said biosynthesis bath but alone that at which the portion value of said cells is degraded and thereafter separating said cells from said effluent.*

99722. Hindustan Lever Limited. Dehydration of food products. (27th May 1964). Accepted on 20th April 1967.

*The food stuff is puffed by heating it at a superatmospheric pressure and rapidly releasing it to atmospheric pressure in a sectoried rotary valve.*

100287. Hindustan Lever Limited. Edible carbohydrate-based foodstuffs. Accepted on 23rd May 1967.

*Mixing together in the dry state non-toxic carbonate of an alkaline earth and a solid non-toxic organic acid that will react with the carbonate on the addition of water to generate carbon dioxide.*

100354. Massey-Ferguson Inc. Hay wafering apparatus. Accepted on 16th June 1967.

*Having a compression chamber formed by a plurality of axially elongated compression roll members, a hay feed hopper opening on to the roll members, power drive means for said members and extrusion cutting means comprising a wheel like rotatable member.*

100390. General Mills, Inc. Method and apparatus for producing simulated meat. Accepted on 22nd June 1967.

*The fibrous material being treated sufficiently to simulate the fiber orientation of a meat product, and then compressing said material to compact the fibres to resemble a meat product.*

100553. R. B. Miller. Sugarcane processing and apparatus. Accepted on 6th April 1967.

*Characterised in that it compresses the steps of longitudinally opening sugarcane stalk, exposing a pith bearing side of each opened stalk portion, separating from opened portions at least one of stalk components from others of stalk components, collecting separated stalk components, and treating separated stalk component separate from other stalk components.*

101321. Miles Laboratories, Inc. Amylase-amylloglucosidase composition and use thereof. Accepted on 21st March 1967.

*An enzyme composition capable of producing a non-crystallizing, high D. E. syrup which comprises a mixture of fungal alpha amylase and amyloglucosidase.*

101379. S. A. Paoli. Method and machine for producing boneless comminuted meat. Accepted on 27th May 1967.

*Steps of reducing carcass to a coarse agglomeration of fragmented soft and hard tissues, effecting continuous mechanical separation of the agglomeration into boneless comminuted meat and into fragments of bone, cartilage, scales and fins and collecting the separated boneless comminuted meat and collecting the separated fragments.*

101683. Hindustan Lever Limited. Process for the preparation of condensed milk. Accepted on 12th May 1967.

*Comprising mixing acid casein and milk and concentrating the mixture.*

101884. Societe Fives Lille-Cail. Control arrangement for a multiple effect evaporator. Accepted on 23rd March 1967.

Providing utilization of the thermal energy contained in the condensate formed in the multiple effect evaporator and in the low pressure steam of an associated crystallizer or like provided with steam by the principal evaporating installation, for removing water from the principal process stream.

102303. E. Levin. Process and apparatus for separating fat from a biological substance. Accepted on 17th June 1967.  
*Converting the biological substance into particles put in a non-toxic solvent injecting the said particles in a continuous stream into the slurry, transporting the slurry along a path, continuously withdrawing vapors from the slurry, the temperature being maintained approximately at the boiling point of the solvent and separating the solid particles from fat and solvent.*

102381. General Mills, Inc. Method and apparatus for processing food products. Accepted on 21st August 1967.  
*Forming heterogeneous mixture of food ingredients, blending the mixture to intermix the ingredients, smear mixing to form homogeneous mass and then discharging the mass.*

102402. General Mills, Inc. Process and apparatus for mixing food products. Accepted on 29th January 1968.  
*Process for continuously mixing food ingredients to form homogeneous mixture comprising the steps (a) forming heterogeneous mixture (b) smear mixing the same to make homogeneous mixture characterised by forced passing of heterogeneous mixture through a passage.*

102465. F. Haas. Process of producing tubular wafers and apparatus therefor. Accepted on 29th June 1967.  
*Wafer web in a warm state, in which it is highly flexible, being continuously wound into a helix with a small overlap to form a hollow tube and sections of tubes of desired length severed from the helix when set.*

102536. Maschinenfabrik Buckau R. Wolf Aktiengesellschaft. Method and apparatus for extracting soluble matter from fibrous material such as sugar cane. Accepted on 3rd November 1967.  
*Characterized in that the bucket wheel is arranged in the transit part from the feeding vessel to the extracting tower.*

102554. Marchon Products Limited. A method of refining vegetable and animal oils. Accepted on 22nd June 1967.  
*Mixing the oil at a temperature between 50°—100°C with a dilute aqueous solution of an alkali with an alkali metal, alkaline earth metal or ammonium salt of an aryl or alkaryl sulphonic acid wherein alkyl groups do not contain more than 8 carbon atoms as hydrotrope, allowing the mixture to separate into aqueous soap and oily layer; removing aqueous layer.*

102636. Ranchers Cotton Oil. Method of separating components of oleaginous mixtures by fractional crystallization. Accepted on 18th October 1967.  
*Includes a method for fractionating oils and fats in a relatively pure state or in miscella by the forming of crystals or amorphous solids of undesirable constituents incident to temperature reduction and supplemented intermediately by energetic crystal-shearing agitation.*

102753. Braunschweigische Maschinenbauanstalt. Apparatus and method for the continuous extraction of sugar from bagasse. (29th September 1965). Accepted on 25th May 1967.  
*Comprising a fissure trough the bottom of it extending upwardly at the inlet end for the bagasse, and a pressure applying roller extending transversely of the trough walls at the outlet end in advance of a shredding roll to form an end closure sealing the trough against outflow of liquid sprayed on the bagasse.*

102815. Allied Chemical Corporation. Fumaric acid beverage mixes. Accepted on 8th January 1968.  
*Admixing flavouring, colouring and sweetening agents with intimate mixtures of (a) fumaric acid particle (b) non-ionic or anionic surfactant and (c) sugar.*

102941. Corn Products Company. Process for extracting oil from vegetable material. Accepted on 29th March 1967.  
*Comprising comminuting the oil bearing material, slurring the said material with hexane containing at least about 30 grams of solids per liter of slurry, heating the slurry while maintaining it at a pressure in excess of the vapour pressure of hexane and separating the resulting solvent oil solution from the extracted oil-bearing material.*

103022. Ceskoslovenska akademie ved. A method of production of proteins by a continuous fermentation of hydrocarbons. Accepted on 15th September 1967.  
*Fermentation by microorganisms, under aerobic conditions, characterised in that at most 99.5% of the biomass produced is separated, the rest is subjected to plasmolysis and returned to the fermentation process.*

103141. Institut Francais Du Petrole Des Carburants Et Lubrifiants. Process for the culture of algae in synthetic medium. Accepted on 30th March 1967.  
*Process for the culture of algae in an illuminated aqueous synthetic medium containing growth elements characterised in that passing into the culture a gas containing at least 6% in volume of carbon dioxide.*

103318. American Factors Associates, Limited. Method and apparatus for preparing massescuit for crystal extraction. Accepted on 6th November 1967.  
*Characterises in utilizing a substantial degree of aeration with effective distribution of fine air bubbles.*

103425. The Best Fertilizers Company. Method and apparatus for minimizing deterioration of perishable products. Accepted on 28th March 1968.  
*A method of retarding the deteriorative degradation of plant and animal matter which is subject to such degradation in the presence of oxygen comprises reducing the oxygen content of the atmosphere which blankets such matter to a value within a range not to exceed about 5% by value of said atmosphere by passing a purge gas.*

104040. Ministerstwo Przemyslu Spozywczego I Skupu. Process for the production of an additive to the fodder for ruminants. Accepted on 3rd May 1967.  
*An aqueous molasses solution is subjected to fermentation by means of bacteria of the lactobacillus delbrueckii strain in the presence of excess calcium carbonate, the solution containing calcium lactate is reacted with ammonium bicarbonate or neutral ammonium carbonate and the precipitated calcium carbonate is separated.*

104103. Saint-Gobain Techniques Nouvelles. Method of and apparatus for the irradiation of fluids, granules or powders. Accepted on 6th June 1967.  
*Comprising passing material through tubes arranged around a source of ionising radiation within a shield chamber and causing molecules or particles of the material to occupy in relation to the source a succession of positions.*

104219. Compact Industries, Inc. Package and method of making the same particularly for a dehydrated substance. Accepted on 19th August 1967.

*Including in combination a plurality of upwardly opening cups telescoping together and forming a stack with a bottom edge portion of each cup engaging an interior sealing surface of the next lower cup in sealing relation around the periphery of the edge portion and forming therewith a sealed enclosure a measured quantity of material contained in each sealed enclosures, and means secured to and engaging end cups of stack and extending therebetween.*

104338. Alfa-laval Ab. A method for recovering fat and meat meal from animal raw material. Accepted on 22nd May 1967.  
*Water content of the raw material being removed in part by evaporation and that glue water freed from fat being supplied to the boiled material at a point prior to the separation of solids from said material.*

104340. Hindustan Lever Limited. Improvements relating to glyceride oils. Accepted on 25th April 1968.  
*The oil and aqueous liquid are contacted at a temperature not less than 105°C and not high to lead to significant saponification of the oil under a super atmospheric pressure which is sufficiently high to prevent boiling in a space which is free from obstructions such as would prevent straight line movement of either oil or aqueous liquid.*

104453. International Basic Economy Corporation. Pre-treatment of oleaginous plant materials prior to oil extraction therefrom. Accepted on 19th July 1967.  
*Comprises advancing material through elongated enclosure, applying increasing mechanical pressure and temperature to exceed existing vapour pressure and discharging material in zone with pressure reduced to permit vapourisation of water content.*

104946. General Mills, Inc. Process of preparing a flavored protein product. Accepted on 21st October 1967.  
*Comprising drying a smoke flavored, impregnated and atleast partially agglutinated spun protein fibers to a moisture of content of about 5 to 25 per cent by weight, toasting and enrobing the toasted fibers with fat.*

105271. Concil of Scientific and Industrial Research. Process for retaining unsaturation during conversion of partially epoxidized glycerides and esters to corresponding monohydroxy compounds. Accepted on 16th November 1967.  
*Hydrogenating partially epoxidised glycerides and esters in an organic solvent having dissolved therein silver nitrate whereby epoxy group is converted to monohydroxy group without disturbing the ethenoid unsaturation.*

105450. A. E. Rabe. An improved process for the clarification of sugar juices and the like. Accepted on 1st August 1967.  
*Comprising liming or sugar juice to a pre-selected pH value adding a coagulant to the mixture and subjecting the mixture to reduced pressure and removing the coagulated precipitate.*

105706. General Mills, Inc. Process for preparing edible protein fibers. Accepted on 14th June 1968.  
*Comprising treating the fibers with an alum compound.*

105755. C. J. Patterson Company. Method for the protection of materials susceptible to the growth of undesired microorganisms. Accepted on 7th December 1967.  
*Comprises applying to the material effective amount of toxic or non-toxic acylated product of  $\alpha$ -hydroxy carboxylic acid.*

106034. Astra Nutrition Aktiebolag. Process for the manufacture of defatted fish protein. Accepted on 7th October 1967.  
*Adding a solvent for the fat to the fish meal with stirring, pre-concentrating the suspension to remove the solvent, transferring the concentrated suspension to a leaching station, and defatting and leaching the fish meal.*

106035. Astra Nutrition Aktiebolag. A process for extracting fatty substances and lipides from a proteinaceous material from fish and other aquatic animals. Accepted on 30th March 1968.  
*Extracting the proteinaceous material moistened with water with one or more polar organic solvents consisting of n-sec-and iso-butanol at a temperature below the azeotropic boiling point of the solvent in water.*

106384. Societe Fives Lille-Cail. Juice extracting method and apparatus. Accepted on 22nd July 1967.  
*Comprising steps of directing material through a path and simultaneously directing in the opposite direction a solvent for extracting juice from the material, transporting and squeezing the material beyond the said path, concentrating the liquid and recycling the said liquid back along the said path.*

106492. Hindustan Lever Limited. Foodstuffs. Accepted on 6th October 1967.  
*Comprising homogenizing and pasteurizing a composition of curd, non-milk fat, melting salt, flavouring matter and optionally amino acids.*

106965. Braunschweigische Maschinenbauanstalt. Method of and apparatus for reducing the moisture and residual sugar content of a bagasse passing through a diffuser. (24th August 1966). Accepted on 12th September, 1967.  
*In which the bagasse is subjected to after diffusion and compression in a pressure zone, the rate of travel in this zone being greater than in the extraction zone.*

107526. Hindustan Lever Limited. Process of preparing sterilized starch-containing foodstuffs. Accepted on 24th October 1967.  
*Comprising placing a starch-containing food stuff such as rice in a container in a non hydrated or partly hydrated condition together with an amount of water sufficient to hydrate the food stuff, sealing the container, heating and simultaneously agitating the foodstuff and cooling the container.*

107628. H. H. Chilani. An improved method of preparing chapatty, puri, khakhra, pauper and the like food and an apparatus for carrying out the said method. Accepted on 4th June 1968.  
*Comprising feeding dough of cake making material into gap between rotating rolls and slab of dough is punched out to the desired shape.*

107814. Hindustan Lever Limited. Treatment of vegetables (4th November 1965). Accepted on 30th January 1968.  
*Comprises the steps of subjecting the vegetable material to a partial drying treatment, and subsequently subjecting the partially dried vegetable material to a breaking treatment so as to detach the vascular tissue from the soft tissue and to a separating treatment so as to separate the vascular tissue from the soft tissue.*

107872. Svenska Sockerfabriks Aktiebolaget. A continuous method and plant for microbiological conversion of starch and starch-like substances into yeast cell mess. Accepted on 18th April 1968.  
*Producing a 2—8% by weight aqueous suspension of starch, adding nitrogen containing compounds and sterilizing the suspension, causing a minor stream of the total flow of suspension to pass through a vessel containing amylase producing yeast cells combining this with the main flow in a vessel containing yeast cells of the type *Torula candida* are present and separating the yeast cells.*

108113. Phillips Petroleum Company. Process and apparatus for continuous production of slush of liquid containing frozen particles. Accepted on 12th January 1968.

*Characterised by agitating liquid in agitating zone prior to feeding same to chilling zone for liquid to be frozen and recycling said liquid from chilling zone to agitating zone.*

108854. Hindustan Lever Limited. Process for the treatment of tea. Accepted on 4th June 1968.

*Heating the constituents in the presence of water and oxygen at a temperature above about 50°C and under a gas pressure of at least 100 p.s.i. gauge.*

109028. Societe De Produits Chimiques D'Auby and Societe Anonyme Des Etablissements Brissonneau Et Lotz. Improvements in the methods of preparing and conditioning protein containing foods, applicable notably to the fishing industry. Accepted on 31st May 1968.

*Characterized in protein containing portions are subjected to fixation initially by adding colloidal solution dispersion of anionic substance.*

110669. Hagen Dettmer G.M.B.H. Improvements in or relating to equipment for drying and burning of loose materials, especially of minerals. Accepted on 17th February 1969.

*Characterized in that it consists of an open longitudinal burning ramp provided with one or two full inclined lateral walls and with an upper overlapping platform, eventually having one or two laterally overlapping wings.*

110739. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing crystalline bodies consisting of one or more chalcogenides of elements from the group IIB of the periodic system or of mixed crystals thereof and to bodies obtained by these methods. Accepted on 20th February 1969.

*Characterized in that the chalcogenide is epitaxially deposited on a single-crystal germanium substrate, whereupon the substrate material is electrolytically removed.*

110748. The British Iron and Steel Research Association. Process for refining molten carbon-containing ferrous metals and apparatus therefor. (23rd May 1966). Accepted on 22nd February 1969.

*Comprising forming a flow of said metal which flows in a plane normal to the direction of flow is of generally rectangular cross-section, and shattering the flow by directing streams of high velocity oxygen.*

110766. K. S. Nayak. An improved apparatus for lifting a liquid, such as water. Accepted on 24th February 1969.

*Having a first tank, a second tank, a vacuum chamber, and connecting pipes fitted well non-return valve.*

110982. Leningradsky dvazhdny ordena Lenina Metallurgichesky zavod imeni XXII sjezda Kpss. Hydraulic turbine runner. Accepted on 20th February 1969.

*Grooves in the crosshead made as a separate member and set on a shaft of the servomotor having unobstructed outlets arranged radially relative the turbine axis of rotation, and in one of the directions parallel to said axis.*

111190. Emc Corporation. Ground-working apparatus. Accepted on 21st February 1969.

*Including a support frame, a rotor assembly mounted transversely of the frame at each end thereof, each rotor assembly having lined rotor units and means for driving the rotor assemblies having foot members with generally flat surfaces and sharpened edges.*

111211. Indian Oxygen Limited. Shaft furnaces. Accepted on 22nd February 1969.

*Having main tuyeres and auxiliary tuyeres, the latter tuyeres being below the former and if reduced cross-sectional area.*

111442. The British Petroleum Company Limited. Lubricants having improved anti-wear and anti-corrosion properties. Accepted on 25th February 1969.

*Comprising an ester base stock consisting of one or more liquid neutral polyesters, the base oil having dissolved therein, (a) 0.005 to 0.15% by weight of dihydrocarbon hydrogen phosphate (b) a cupassivator, (c) an aromatic amine antioxidant.*

111460. Fisons Pest Control Limited. Pesticidal compositions. (21st July 1966). Accepted on 22nd February 1969.

*Comprises of 2, 3-dihydro 2, 2-dimethyl-7-benzofuranyl-N-acetyl-N-methyl carbamate and at least one of the materials comprising wetting agents, solid diluents, solvents and edible substances.*

111592. Fmc Corporation. Soil engaging tine for soil preparing unit. Accepted on 25th February 1969.

*Adapted to be mounted on a drive shaft and movable along a predetermined path during rotation of the shaft, tine having opposite edges and arranged to define positive angle of approach for each edge.*

111733. Catalysts and Chemicals, Inc. A precursor composition for production of a shift catalyst suitable for the production of hydrogen. Accepted on 22nd February 1969.

*Consisting essentially of a mixture of zinc oxide and copper oxide and heat stabilizing quantity of alumina.*

111824. Director General, Ordnance Factories, Government of India, Ministry of Defence. Blasting soluble nitro-cellulose and a process for the manufacture of the same. Accepted on 4th February 1969.

*Nitrating the cellulose based materials with a mixed acid comprising 60.3 to 39.9%  $H_2SO_4$ ; 24.5 to 43%  $HONO_2$  and 15.2 to 17.1%  $H_2O$  and employing the mixed acid in quantities upto 45 to 60 times the weight of the cellulose material.*

111934. F. J. Ezekiel. Combined domestic sink and clothing and crockery washing machine. Accepted on 14th February 1969.

*Having an agitator in the sink and provided with a spray nozzle.*

111976. Pilkington Brothers Limited. Improvements in or relating to tongs for suspending glass. (28th June 1966). Accepted on 20th February 1969.

*Characterised in that the jaws having clamping faces of granular silicon carbide material.*

112000. Rank Xerox Limited. Sheet distributor. Accepted on 17th February 1969.

*Including a plurality of catch trays supported in spaced relation to each other, means for transporting sheet material in a path of movement from a sheet producing apparatus to catch trays, a plurality of first diverting mechanism, means to selectively actuate first diverting mechanisms, a second diverting mechanism and means to actuate second diverting mechanism.*

102001. Rank Xerox Limited. Modular sheet distributor. Accepted on 17th February 1969.

*Comprises a plurality of catch trays supported in spaced relation to each other, means for transporting sheet material to a position adjacent plurality of catch trays, diverting mechanisms positioned adjacent catch trays actuatable into and from interference relationship with sheet material, means to selectively actuate diverting mechanisms and means to connect a second modular sheet distributor into operative relationship to form a path of sheet material movement.*

112002. Rank Xerox Limited. Sheet transport mechanism. Accepted on 17th February 1969.  
*Including a plurality of rotatable drive rollers positioned in spaced relation to each other by a support member, a plurality of rotatable idler rollers carried in spaced relation to each other by a frame member, means connecting frame member to support member to move idler rollers in and out operative relationship with drive rollers.*

112013. The Cementation Company (Africa) Limited. Plugging underground cavities. Accepted on 18th February 1969.  
*Comprising a rigid spin, series of springy quills, pass down each hole to span the cavity or suitable drill hole.*

112037. Council of Scientific and Industrial Research. Construction of a rotating cantilever type fatigue testing machine. Accepted to 17th February 1969.  
*Cast iron bed with four supports with "O" rings mounted on a table on which bed are mounted a driving unit rotating a specimen, a loading unit which loads the specimen and a control unit which stops the machine when the machine fails and records the total number of cycles to failure.*

112043. Murex Welding Process Limited. Improvements in arc welding. Accepted on 21st February 1969.  
*Depositing from a cored tubular electrode having a mild steel sheath devoid of external flux without external shielding of the arc, weld metal with 18% elongation 25% reduction of area Charpy impact strength of 35ft/lbs. at 20°C, the weld metal having the composition as Al—0.05—1.3%, Mn=0.3 to 2%, Si=0.1—1%, C=0.12% Max, Ti—0.12% Max, balance—iron.*

112044. J. R. Geigy A. G. Polymers of N-perfluoroalkanoylamino-and N-perfluoroalkanoylaminolalkyl acrylamides and methacrylamides. Accepted on 21st February 1969.  
*Characterised by copolymerizing with monomers which contain an ethylenic linkage.*

112057. Libbey—Owens—Ford Glass Company. In a method of producing glass sheet, the step of controlling the permanent strain pattern and an apparatus for measuring glass temperature. Accepted on 21st February 1969.  
*Characterized by measuring the temperature of the glass by traversing a temperature sensing device across a surface of the sheet to measure the transverse temperature thereof and determine lateral temperature differentials thereto, transmitting the effects of temperature differentials to an actuating device and regulating the temperature to which the glass sheet is exposed in accordance with measurements.*

112363. Leningradskoe Proizvodstvennoe Objedinenie "Radio-detal". Device for winding capacitor sections. Accepted on 24th February 1969.  
*Comprising a winding mechanism with a rotary mandrel, a mechanism for feeding strips of the initial material to mandrel, a mechanism for pre-tensioning strips in the mandrel, a strip cutter and a turn cutter.*

112505. National Dairy Research Institute. Improvements in or relating to the preparation of "Khoa". Accepted on 25th February 1969.  
*Consists in heating milk in steam jacketed drum heater followed by further concentrating in open steam jacketed pans burning prevented by scraping.*

112621. E. Berner. Method and apparatus for producing foamed articles from polymeric material. Accepted on 25th February 1969.  
*Comprising a rotating drum, an arcuate porous plate, heating and cooling chambers, a spacing between the drum and plate and means for delivering the material into the spacing.*

112720. Alpine Chemische Aktiengesellschaft. New copolymers, their production and uses. Accepted on 24th February 1969.  
*Comprises in polycontaining aromatic dicarboxylic acids (a) aliphatic or alicyclic diols (b) an oxidation product of a compound of desired formula (c) and compounds with more than carboxylic acid groups and their polyester derivatives.*

112925. Farbenfabriken Bayer Aktiengesellschaft. 2, 4, 5-trichloropyrimidine and 2, 4, 5, 6-tetrachloropyrimidine. Accepted on 25th February 1969.  
*Comprises in reacting aminopropionitrile in excess of gaseous chlorine.*

113309. A. Govindan. Improvements in or relating to lead peroxide container for lead acid accumulators. Accepted on 25th February 1969.  
*Comprising weaving together in the form of a tube, glass fibre yarns and plastic yarns, subjecting the woven tube to heat treatment, dipping the heat treated tube in a solution of borax and then drying the same.*

113419. Shell Internationale Maatschappij N.V. A process for the production of a foamed thermoplastic product by extrusion, and the product thus produced. (6th December 1966). Accepted on 22nd February 1969.  
*Extruding through a sectionalized extrusion die having a plurality of extrusion slits, the slits extending from or along the opposite faces of opposite sections of the extrusion die.*

113427. Texaco Development Corporation. Process and apparatus for the regeneration of fluidized solid catalysts. Accepted on 22nd February 1969.  
*Hydrocarbon is contacted with catalyst in reaction zone, catalyst stripped of deposited coke, is contacted with oxygen in regeneration zone and a swirling motion introduced therein.*

113537. U. Balram. Liquid fuel lighters. Accepted on 22nd February 1969.  
*Comprising a member carrying one friction element, a second friction element which is detachable and adapted to be rubbed against said first element and further having a handle and carrying a wick near the end which is meant to be rubbed against the said first element.*

113553. Jardine Henderson Ltd. An agricultural sprayer. Accepted on 24th February 1969.  
*Has a blower and wherein the outlet pipe of the blower is disposed above the horizontal axis of the blower.*

113818. O. Sahm. Method of joining rope parts and rope-clips therefor. Accepted on 25th February 1969.  
*Comprising a sleeve having a cylindrical portion said cylindrical portion having a circular cross-section, the main axis of oral extending in direction of an imaginary line passing through the centres of two rope portions.*

113822. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing polyolefins. Accepted on 24th February 1969.  
*Polymerising ethylene or mixtures of ethylene in the presence of a mixed catalyst consisting of (1) a dispersing agent of a trivalent titanium compound (2) a dispersing agent of an organo aluminium compound.*

113974. Tractel Tirfor India Private Ltd. Safety shear pin device for the pulling and lifting machine or the like machine. Accepted on 21st February 1969.  
*Operating handle comprises two parts, the top part and the bottom block fitted with each other by means of two pins of which one is made of a metal of low shear strength or of small cross-section.*

114008. D. G. Kale. A cloth printing machine. Accepted on 24th February 1969.

*Comprises two rollers, the design roller having a leather scraper, pressure screws a colour paste cup with valve, a colour outlet and a handle provided on the lapped roller.*

114022. The Dunlop Company Limited. Improvements in and relating to balls. Accepted on 24th February 1969.

*Moulded from a composition comprising a blend of natural rubber or a synthetic rubber with a copolymer of at least one olefine and at least one unsaturated carboxylic acid copolymerisable therewith.*

114024. The Carborundum Company. Polyesters based on hydroxybenzoic acids. Accepted on 24th February 1969.

*Condensing, in a liquid state at a temperature above room temperature, at least one compound selected from the group consisting of (a) monomers and (b) dimers of said monomers.*

114701. The Steel Company of Wales Limited. Improvements in or relating to the cooling of rolls and the like. Accepted on 22nd February 1969.

*Comprising a cooling member with means to keep it in contact with the roll, pad means adapted to about the roll surface, plurality of grooves in the pad means, means for providing flow of liquid within the grooves.*

115025. The Goodyear Tire & Rubber Company. Improvements in method and apparatus for folding strip material. Accepted on 22nd February 1969.

*Processing of tire cord fabric and a method and apparatus for folding a strip of tire cord fabric material at a fold line extending in the direction of the length of the strip.*

115043. De La Rue Giori Sa. Process and apparatus for perforating sheets in particular sheets of postage stamps. Accepted on 22nd February 1969.

*A perforating apparatus and a process for making the same in which the problems of matching perforation pins and pin holes as well as of the replacement of broken or bent pins are eliminated.*

115655. Aktiebolaget Kamyr. Sieve device in an upright cylindrical container for continuous flow of cellulosic material. [Addition to No. 93571]. Accepted on 24th February 1969.

*One or more sieve bodies which are arranged close to the bottom of the container, are suspended in a tube extending centrally in the container over the greater part of its length and serving for discharging filtrate from the sieve bodies.*

116449. "Tomos" Motor Vehicles Factory. Gas control turning grip for motors with internal combustion. Accepted on 22nd February 1969.

*A gas control turning grip which will allow to execute a stiff and flexible embodiment of the grip and in which the elements should not be sensible to corrosion.*

116575. Imperial Chemical Industries Limited. Improvements in and relating to the pyrolysis of urea. (3rd July 1967). Accepted on 22nd February 1969.

*Wherain ammonia/cyanic acid mixture is contacted with urea melt by passing counter-currently to each other.*

117773. National Lead Company. Electrolytic production of magnesium metal. [Divisional date 15th December 1967]. Accepted on 22nd February 1969.

*Consists in the steps of fusing a charge of magnesium chloride salt to form molten bath in electrolytic cell having cathode and anode electrodes extending downwardly into the charges passing electric current between electrodes, makes periodic additions of impure salt to maintained the sodium, potassium and lithium chloride contents within preselected percentages by weight of the bath.*

### Opposition Proceedings

Application for patent No. 93080, the grant of a patent on which was opposed by Shalimar Industries Private Ltd, and a notification to which effect was made in the Gazette of India, Part III, Section 2, dated the 9th July, 1966, has been treated as withdrawn.

### Patents Sealed

104602.	104830.	105439.	105556.	105580.	105644.	105749.
105758.	105874.	106076.	106111.	106294.	106347.	106379.
106656.	106736.	106891.	106967.	107014.	107015.	107139.
107153.	107231.	107265.	107388.	107415.	107420.	107484.
107763.	107991.	108074.	108665.	108731.	108780.	108940.
109251.	109382.	109435.	109748.	109782.	109910.	109962.
110079.	110410.	110665.	110681.	110903.	110957.	111307.
111384.	111472.	111780.	111864.	111983.	112008.	

### Amendment Proceedings

The amendment proposed by Scientific Adviser to the Defence Minister, Ministry of Defence, Government of India, New Delhi, in respect of patent application No. 107839, as advertised in the Gazette of India, Part III, Section 2 dated the 26th October 1968, has been allowed.

### Renewal Fees Paid

51563.	51589.	51792.	53914.	54039.	54070.	54083.	54087.
54414.	54523.	55420.	55552.	55965.	56716.	56720.	56904.
56923.	57236.	57330.	57524.	58762.	59462.	59702.	59747.
59754.	59936.	59942.	59985.	60015.	60048.	60101.	60117.
60154.	60298.	60370.	60408.	60526.	60869.	60892.	61271.
62679.	63218.	63284.	63356.	63363.	63415.	63465.	63498.
63977.	64161.	64223.	64328.	66259.	66833.	66894.	66908.
66913.	66974.	67095.	67161.	67197.	67256.	67520.	67546.
67554.	67946.	68345.	68426.	68675.	70934.	70957.	70983.
71044.	71045.	71125.	71161.	71165.	71174.	71260.	71309.
71336.	71378.	71717.	71867.	71927.	72132.	72688.	72784.
73334.	74385.	75523.	75545.	75598.	75604.	75621.	75659.
75739.	75835.	75868.	75900.	75942.	75945.	75958.	75966.
76204.	76483.	76500.	76594.	77203.	77814.	78387.	78611.
79360.	79386.	79571.	80078.	80537.	80601.	80902.	80937.
80956.	81012.	81043.	81058.	81077.	81078.	81159.	81180.
81255.	81275.	81312.	81343.	81344.	81358.	81369.	81439.
81478.	81479.	81480.	81481.	81486.	81575.	81610.	81630.
81668.	81780.	81813.	81947.	82183.	82215.	82318.	82344.
82503.	82836.	82895.	83069.	83081.	83141.	83142.	83319.
83690.	83691.	85209.	86258.	86564.	86634.	86685.	86689.
86715.	86756.	86775.	86793.	86808.	86842.	86847.	86849.
86850.	86891.	86899.	86960.	86990.	86993.	86994.	86999.
87001.	87016.	87017.	87020.	87027.	87032.	87047.	87066.
87081.	87102.	87126.	87144.	87156.	87182.	87201.	87202.
87228.	87309.	87398.	87406.	87488.	87537.	87570.	87615.
87632.	87633.	87651.	87929.	88317.	88419.	88481.	88786.
89007.	91542.	91690.	91906.	92030.	92329.	92521.	92572.
92615.	92628.	92631.	92650.	92651.	92671.	92672.	92695.
92749.	92765.	92814.	92845.	92850.	92851.	92886.	92887.
92904.	92914.	92938.	92961.	92962.	92963.	92964.	92965.
92966.	92988.	93014.	93045.	93112.	93186.	93302.	93319.
93410.	93453.	93457.	93536.	93542.	93556.	94680.	96999.
97411.	97582.	98089.	98155.	98224.	98255.	98256.	98265.
98275.	98300.	98307.	98341.	98344.	98368.	98374.	98399.
98402.	98421.	98434.	98435.	98436.	98443.	98462.	98466.
98479.	98489.	98493.	98495.	98513.	98530.	98531.	98539.
98540.	98566.	98567.	98568.	98571.	98585.	98597.	98601.
98653.	98673.	98684.	98708.	98710.	98724.	98731.	98733.
98734.	98772.	98773.	98782.	98808.	98819.	98867.	98868.
98954.	98981.	98982.	99014.	99032.	99122.	99146.	99195.
99196.	99249.	99372.	99938.	100756.	101706.	103430.	
103934.	104056.	104062.	104085.	104108.	104174.	104427.	
104432.	104610.	104672.	108716.				

**Cessation of Patents**

73823. 73824. 73826. 73828. 73832. 73835. 92047. 92055.  
92057. 92063.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

**Class 1.** No. 134164. Paul Engineers, Opposite 5, Pusa Road, New Delhi, Indian Partnership concern "Chairs", July 5, 1968.

**Class 1.** No. 134165. Paul Engineers, Opposite 5, Pusa Road, New Delhi, Indian Partnership concern, "Wrenches", July 5, 1968.

**Class 1.** No. 134527. Jhaveri Bros. & Co., Private Ltd., "Jhaveri", House, 4th Floor, 348, Rehman Street, Near Crawford Market, Bombay-3, Br. Maharashtra, India, an Indian Company, "Lamp", September 5, 1968.

**Class 1.** No. 134529. National Institute of Design, a Registered Society, Paldi, Ahmedabad-7, Gujarat State, India, "Type bodies", September 6, 1968.

**Class 1.** No. 134588. Step Cosmetics, an Indian Partnership firm, 504 Veena Vihar, Flank Road, Bombay-22, (Maharashtra), "Container", October 3, 1968.

**Class 1.** No. 134792. Prakash Type Foundry, 495, Narayan Peth, Poona-2, Bombay, Maharashtra, Indian Partnership Firm comprising Partners, "Printing types", November 4, 1968.

**Class 1.** No. 134793. Elite Electrical Industries 5332-Chandrawal Road, Subzimandi, Delhi-7, India, Indians, "An electric toaster", November 4, 1968.

**Class 3.** No. 134133. Bright Brothers Private Limited, a company incorporated in India, 156A Tardeo Road, City of Bombay, State of Maharashtra, India, "Bucket", July 1, 1968.

**Class 3.** No. 134139. Tolbro International, an Indian Partnership firm, 4, Wilson Road, Ballard Estate, Bombay-1, (Maharashtra), "Hair holder", July 2, 1968.

**Class 3.** Nos. 134141 and 134142. Scientific Clock Mfg. Co., Indian Partnership Firm, Station Road, Morvi, Gujarat, India, "Clocks", July 4, 1968.

**Class 3.** No. 134166. Krishnaswami Naidu Rajagopal, Indian, 171, Lakshmi Building, Patel Road, Coimbatore-9, Madras State, "False twister", July 6, 1968.

**Class 3.** No. 134528. Telerad Private Ltd., Indian Company, Atlas Mills, Reay Road, Bombay-10, Maharashtra, "Radio sets", September 5, 1968.

**Class 3.** No. 134531. Golden Plastics (an Indian Partnership Firm), 67-69, Bazargate Street, Bombay-1, (Maharashtra), "Bowl", September 7, 1968.

**Class 3.** No. 134589. Golden Plastics (an Indian Partnership Firm), 67-69, Bazargate Street, Bombay-1, (Maharashtra), "Shopping bag" October 3, 1968.

**Class 3.** No. 134648. Bright Brothers Private Limited, a Company incorporated in India, 156A, Tardeo Road, City of Bombay, State of Maharashtra, India, "Brushes", October 14, 1968.

**Class 3.** No. 134753. Vico Plastics, An Indian Partnership firm, 82, Nagdevi Street, Bombay-3, Maharashtra, India, "Bottle" October 28, 1968.

**Class 4.** No. 134137. Mohan Meakin Breweries Ltd., Mohan Nagar, Ghaziabad, U.P. a Public Limited Company, incorporated under the Indian Companies Act, "Bottles", July 2, 1968.

**Class 4.** No. 134540. Dhirendra Nath Majumder, an Indian National, P527, Raja Basanta Roy Road Extn, Calcutta-29, West Bengal, India "Filtering device for liquids", September 13, 1968.

**Class 13.** Nos. 134708 to 134727. Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", October 25, 1968.

**Class 13.** Nos. 134758 to 134764 and 134766. Shree Ram Mills, Ltd., Fergusson Road, Lower Parel Road, Bombay-13, Maharashtra, Nationality—Indian Company "Textile goods", October 29, 1968.

**Class 13.** Nos. 134767 and 134768. Crown Spg. & Mfg. Co., Ltd., Gokhale Road (South), Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", October 29, 1968.

**Copyright Extended for a Second period of Five Years**

Design No. 121252 Class—4.

*Name Index for applicants for patents for January, 1969  
(Nos. 119223—119638)*

**Name and Application No.****A**

Abbott Laboratories—119507.

Adaglio, M.F.—119608.

Adm Chemicals—119458.

African Explosives and Chemical Industries Ltd.—119545.

Agrawal, B.P.—119365.

Agripat S.A.—119352, 119484. 485.

Ahluwalla, G. S.—119390.

Aktiebolaget Astra.—119557.

Alex Lawrie and Co. Ltd.—119317.

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